

Notice of Allowability

Application No.

10/802,584

Applicant(s)

LENEMAN, TUVIA

Examiner

Michael C. Maskulinski

Art Unit

2113

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed 3/17/04.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

Reasons for Allowance

1. Claims 1-9 are allowed.
2. The following is an examiner's statement of reasons for allowance.

Referring to claim 1, the prior art does not teach or reasonably suggest writing data to all sectors of a first surface of a first disk with a first head and subsequently writing data to all sectors of a subsequent surface of the first disk with a subsequent head.

Referring to claim 2, the prior art does not teach or reasonably suggest writing data to all tracks of a first surface of a first disk with a first head and subsequently writing data to all tracks of a subsequent surface of a subsequent disk with a subsequent head.

Referring to claim 3, the prior art does not teach or reasonably suggest a controller for coordinating the writing of data to the disk surfaces by the heads such that a first head contiguously writes data to all sectors of a first disk surface and a subsequent head contiguously writes data to all sectors of a subsequent disk surface.

Referring to claim 4, the prior art does not teach or reasonably suggest writing data to all N sectors of a first disk surface with a first head and subsequently writing data to all N sectors of a subsequent disk surface with a subsequent head.

Referring to claim 5, the prior art does not teach or reasonably suggest beginning from a first sector on a first surface of a first disk of the plurality of disks, writing, with a first head, data contiguously to sectors on the first surface of the first disk from the first sector on the first disk to the last sector on the first surface of the first disk and writing,

with a second head, data contiguously to sectors on a second surface of the first disk from the last sector on the second surface of the first disk to the first sector on the second surface of the first disk.

Referring to claim 7, the prior art does not teach or reasonably suggest beginning from a first sector on a first disk surface, writing, with a first head, data contiguously to sectors on the first disk from the first sector on the first disk surface to the last sector on the first disk surface and writing, with a second head, data contiguously to sectors on a second disk surface from the last sector on the second disk to the first sector on the second disk surface.

Referring to claim 9, the prior art does not teach or reasonably suggest a controller for coordinating the writing of data to the disks by each of the heads such that a first head contiguously writes data to all sectors of a first side of a first disk and a second head contiguously writes data to all sectors of a second side of the first disk.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael C. Maskulinski whose telephone number is 571-272-3649. The examiner can normally be reached on M-F 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Beausoliel can be reached on 571-272-3645. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Michael C Maskulinski
Primary Examiner
Art Unit 2113